Current Time: 1:21 PM

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "C" (1000 Area)

10/10/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	13.5	14.0	15.0	.5	1.5	12.9	18.8	97.7	11.3
01:00	13.1	13.5	14.4	.4	1.3	12.5	18.5	97.8	11.0
02:00	12.4	13.1	13.5	.7	1.1	11.8	18.2	97.8	10.5
03:00	11.7	12.5	13.2	.8	1.5	11.1	17.9	97.8	10.1
04:00	11.2	11.7	12.2	.6	1.0	10.6	17.6	97.8	9.8
05:00	11.7	11.6	12.0	.0	.3	11.1	17.4	97.8	10.1
06:00	11.5	11.6	11.8	.0	.3	11.0	17.3	97.9	10.0
07:00	10.8	11.0	12.0	.2	1.2	10.3	17.2	97.8	9.6
08:00	11.0	10.9	11.4	.0	.4	10.5	17.0	97.9	9.7
09:00	12.3	12.0	11.9	-.2	-.3	11.7	16.9	97.9	10.5
10:00	14.1	13.6	12.9	-.5	-1.2	11.9	17.2	88.7	10.6
11:00	17.4	17.2	16.7	-.3	-.7	10.7	17.7	65.6	9.6
12:00	19.8	19.2	18.9	-.6	-.9	12.2	18.0	62.8	10.6
13:00	21.2	20.9	20.4	-.3	-.8	12.1	18.8	57.1	10.5
14:00	21.8	21.5	20.6	-.3	-1.2	11.5	19.6	52.8	10.0
15:00	22.8	22.4	21.7	-.4	-1.1	9.7	20.2	44.2	8.9
16:00	23.2	22.8	22.2	-.4	-1.0	9.3	20.7	42.1	8.7
17:00	20.2	21.6	21.4	1.4	1.2	13.0	21.2	65.3	11.2
18:00	19.2	20.4	20.8	1.2	1.6	12.7	21.2	67.5	11.0
19:00	17.2	18.7	19.7	1.5	2.5	13.8	20.8	82.2	11.8
20:00	15.9	16.9	18.4	1.0	2.5	14.0	20.3	89.8	12.0
21:00	14.3	15.5	17.2	1.2	2.9	13.4	19.8	95.7	11.6
22:00	13.5	14.5	16.0	1.1	2.5	12.8	19.3	97.4	11.2
23:00	12.9	13.7	14.2	.9	1.3	12.3	18.9	97.6	10.8
Avg	15.5	15.9	16.2	.4	.7	11.8	18.8	82.8	10.5
Max	23.2	22.8	22.2	1.5	2.9	14.0	21.2	97.9	12.0
Hr. of Max	16	16	16	19	21	20	18	09	20
Min	10.8	10.9	11.4	-.6	-1.2	9.3	16.9	42.1	8.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	29_Sigma_10m
Hour	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG	DEG
00:00	0.009521	14.9	.00	29.16	-1.8	360	53	10	3
01:00	0.009283	14.5	.00	29.16	-1.6	353	59	42	3
02:00	0.008869	13.9	.00	29.16	-1.8	281	295	22	3
03:00	0.008476	13.3	.00	29.15	-2.1	256	242	311	4
04:00	0.00819	12.8	.00	29.16	-2.2	286	311	54	7
05:00	0.008459	13.3	.00	29.17	-2.0	45	42	65	12
06:00	0.00839	13.2	.00	29.18	-1.8	47	77	42	9
07:00	0.008004	12.6	.00	29.18	2.1	290	67	30	6
08:00	0.008086	12.7	.00	29.19	52.9	52	55	41	14
09:00	0.008805	13.8	.00	29.20	237.0	79	72	46	14
10:00	0.008959	14.0	.00	29.21	483.1	90	78	58	24
11:00	0.008233	12.9	.00	29.21	651.4	111	102	72	17
12:00	0.009132	14.3	.00	29.20	745.5	111	109	90	18
13:00	0.009102	14.3	.00	29.18	553.9	71	25	359	26
14:00	0.00873	13.7	.00	29.15	435.8	25	23	15	29
15:00	0.007762	12.2	.00	29.13	585.0	334	359	358	23
16:00	0.007581	11.9	.00	29.12	459.2	340	351	348	29
17:00	0.009687	15.1	.00	29.12	79.7	307	348	341	8
18:00	0.009478	14.8	.00	29.11	74.2	326	29	1	4
19:00	0.010177	15.9	.00	29.11	-.1	348	54	3	7
20:00	0.010284	16.0	.00	29.10	-1.5	349	70	32	5
21:00	0.009854	15.4	.00	29.11	-1.8	297	342	21	4
22:00	0.009502	14.8	.00	29.11	-1.9	311	18	346	6
23:00	0.009153	14.3	.00	29.10	-2.0	314	54	322	5
Avg	0.008905	13.9	.00	29.15	180.8	353	38	21	12
Max	0.010284	16.0	.00	29.21	745.5	360	359	359	29
Hr. of Max	20	20	23	11	12	00	15	13	16
Min	0.007581	11.9	.00	29.10	-2.2	25	18	1	3
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	30_Sigma_30m	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	2	3	.3	.7	1.5	2.1	.0	4.4
01:00	2	2	.4	.7	.9	1.6	.0	3.4
02:00	8	14	.4	.8	2.5	2.1	.0	6.2
03:00	2	9	1.2	1.6	1.7	3.4	4.1	6.9
04:00	10	7	.8	1.2	1.6	3.9	8.0	3.7
05:00	11	3	.8	1.7	3.7	3.2	5.5	7.6
06:00	7	2	.7	.9	3.0	2.1	2.7	4.8
07:00	9	2	.7	.0	1.9	2.1	1.6	6.4
08:00	11	2	1.4	1.6	3.4	4.8	4.1	5.3
09:00	19	7	1.8	1.5	3.9	5.3	4.8	6.9
10:00	22	13	3.2	3.1	3.1	8.2	7.8	7.1
11:00	19	25	2.9	2.9	2.5	6.6	6.6	6.4
12:00	13	15	4.6	4.7	4.1	9.8	9.8	10.1
13:00	22	23	2.7	3.2	3.7	8.2	9.2	8.9
14:00	22	22	2.4	3.5	4.9	8.7	9.8	12.4
15:00	27	25	3.2	3.9	4.3	9.6	11.0	13.3
16:00	29	24	2.4	3.1	3.8	7.3	8.2	9.4
17:00	11	10	1.2	2.1	4.0	6.9	8.5	13.5
18:00	19	19	.8	.9	3.4	1.8	3.2	6.2
19:00	9	19	.9	.7	5.1	3.0	3.4	10.1
20:00	7	4	1.1	.9	5.7	2.5	3.0	10.1
21:00	10	21	.7	.0	3.8	2.3	.0	7.8
22:00	3	15	.5	.0	3.7	1.8	.0	11.0
23:00	2	5	.6	.0	1.7	1.8	.0	4.4
Avg	12	12	1.5	1.7	3.2	4.5	4.6	7.8
Max	29	25	4.6	4.7	5.7	9.8	11.0	13.5
Hr. of Max	16	15	12	12	20	12	15	17
Min	2	2	.3	.0	.9	1.6	.0	3.4
Count	24	24	24	24	24	24	24	24
Total								